

WHAT IS CLAIMED IS:

1. A film holder for reading a transparency with a flatbed image reader which has a read area meeting as many frames as a half the number of frames of one roll of strip film and can  
5 read a transparency, the film holder comprising:

    a strip film holder mechanism for holding strip film,  
    wherein the strip film holder mechanism is provided at  
    a position where

when one corner of the film holder (corner H1) is matched  
10 with a corner of an original bed of the image reader having  
the same positional relationship as the corner H1 (corner B1),  
as many frames as a half the number of frames of one roll of  
strip film (first frame group) are contained in the read area;

when a corner (corner H2) on the opposite side to the  
15 corner (corner H1) of the film holder in the longitudinal side  
direction is matched with a corner (corner B2) on the opposite  
side to the corner (corner B1) of the original bed of the image  
reader in the lateral side direction, frames other than the  
first frame group of the strip film (second frame group) are  
20 contained in the read area.

2. The film holder according to claim 1 comprising:  
    two guide parts between the corner (corner H1) and the  
    corner (corner H2) on the opposite side in the longitudinal  
25 side direction, wherein

the guide part to the corner (corner H1) indicates the frames other than the first frame group of the strip film (second frame group) and the guide part to the corner (corner H2) on the opposite side in the longitudinal side direction  
5 indicates the first frame group of the strip film.

3. The film holder according to claim 1 or 2 further comprising:

a slide film holder mechanism for holding mounted slide  
10 film,

the slide film holder mechanism being provided at a position where

when a corner (corner H3) at a diagonal position to the one corner of the film holder (corner H1) is matched with the  
15 corner of the image reader (corner B1) or a corner (H4) on the opposite side to the one corner of the film holder (corner H1) in the lateral side direction is matched with the corner (corner B2) on the opposite side in the lateral side direction, the slide film is contained in the read area.

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4. The film holder according to claim 3 comprising:

a guide part between the corner (corner H3) at the diagonal position and the corner (corner H4) on the opposite side in the lateral side direction, wherein

25 the guide part indicates frames of the slide film.

5. An image reader comprising a flatbed image reader main unit which has a read area meeting as many frames as a half the number of frames of one roll of strip film and can read a transparency,  
5 and a film holder to read a transparency with the flatbed image reader main unit, wherein

the film holder comprises:

a strip film holder mechanism for holding strip film,  
the strip film holder mechanism being provided at a  
10 position where

when one corner of the film holder (corner H1) is matched with a corner of an original bed of the image reader main unit having the same positional relationship as the corner H1 (corner B1), as many frames as a half the number of frames of  
15 one roll of strip film (first frame group) are contained in the read area;

when a corner (corner H2) on the opposite side to the corner (corner H1) of the film holder in the longitudinal side direction is matched with a corner (corner B2) on the opposite  
20 side to the corner (corner B1) of the original bed of the image reader main unit in the lateral side direction, frames other than the first frame group of the strip film (second frame group) are contained in the read area; and

two guide parts between the corner (corner H1) and the  
25 corner (corner H2) on the opposite side in the longitudinal

side direction, wherein

- the guide part to the corner (corner H1) indicates the frames other than the first frame group of the strip film (second frame group) and the guide part to the corner (corner 5 H2) on the opposite side in the longitudinal side direction indicates the first frame group of the strip film, and wherein the original bed of the image reader main unit is provided on a periphery with
- a guide indication part for indicating the first frame 10 group of the strip film at the position corresponding to the guide part to the corner (corner H2) when the corner of the film holder (corner H1) is matched with the corner (corner B1) of the original bed of the image reader main unit having the same positional relationship as the corner H1; and
- 15 a guide indication part for indicating the second frame group at the position corresponding to the guide part to the corner (corner H1) when the corner of the film holder (corner H2) is matched with the corner (corner B2) of the original bed of the image reader main unit.

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6. The image reader according to claim 5 wherein the film holder further comprises:

a slide film holder mechanism for holding mounted slide film,

- 25 the slide film holder mechanism being provided at a

position where when a corner (corner H3) at a diagonal position to the one corner of the film holder (corner H1) is matched with the corner of the image reader (corner B1) or a corner (H4) on the opposite side to the one corner of the film holder

- 5 (corner H1) in the lateral side direction is matched with the corner (corner B2) on the opposite side in the lateral side direction, the slide film is contained in the read area; and  
a guide part being provided between the corner (corner H3) at the diagonal position and the corner (corner H4) on the  
10 opposite side in the lateral side direction for indicating a frame of the slide film, and wherein

the original bed of the image reader main unit is provided on a periphery with

- a guide indication part for indicating the frame of the  
15 slide film at the position corresponding to the guide part for indicating the frame of the slide film when the corner (corner H3) at the diagonal position to the one corner of the film holder (corner H1) is matched with the corner of the image reader (corner B1) or the corner (H4) on the opposite side to  
20 the one corner of the film holder (corner H1) in the lateral side direction is matched with the corner (corner B2) on the opposite side in the lateral side direction.

7. A film holder to read a transparency with a flatbed image  
25 reader which has a read area meeting as many frames as a half

the number of frames of one roll of strip film and can read a transparency, the film holder comprising:

a strip film holder mechanism for holding strip film and an identification hole,

- 5        the strip film holder mechanism being provided at a position where

when one corner of the film holder (corner H1) is matched with a corner of an original bed of the image reader having the same positional relationship as the corner H1 (corner B1),

- 10      as many frames as a half the number of frames of one roll of strip film (first frame group) are contained in the read area;

when a corner (corner H2) on the opposite side to the corner (corner H1) of the film holder in the longitudinal side direction is matched with a corner (corner B2) on the opposite 15 side to the corner (corner B1) of the original bed of the image reader in the lateral side direction, frames other than the first frame group of the strip film (second frame group) are contained in the read area,

- the identification hole being provided  
20      in the proximity of the strip film holder mechanism at a position contained in the read area when the one corner of the film holder (corner H1) is matched with the corner of the original bed of the image reader having the same positional relationship as the corner H1 (corner B1), or at 25 a position contained in the read area when the corner (corner

H2) on the opposite side to the corner (corner H1) of the film holder in the longitudinal side direction is matched with the corner (corner B2) on the opposite side to the corner (corner B1 ) of the original bed of the image reader in the lateral side direction.

5           8. An image read controller for controlling a flatbed image reader which has a read area meeting as many frames as a half the number of frames of one roll of strip film and can read  
10          a transparency, the image read controller comprising:

             determination means for determining whether or not an image of an identification hole exists at a point of an image of strip film read by the image reader corresponding to a predetermined position in the read area; and

15          preview means for previewing frames of the read strip film with the display order and the rotation direction of the frames changed in response to the determination result of the determination means.

20          9. The image read controller according to claim 8 wherein the preview means previews the frames with the frames rotated 90 degrees in the read order or with the frames rotated -90 degrees in the reverse order to the read order in response to the determination result of the determination means.

10. A program for causing a computer to function as an image read controller for controlling a flatbed image reader which has a read area meeting as many frames as a half the number of frames of one roll of strip film and can read a transparency,
- 5 the program causing the computer to execute:
- determination processing for determining whether or not an image of an identification hole exists at a point of an image of strip film read by the image reader corresponding to a predetermined position in the read area; and
- 10 preview processing for previewing frames of the read strip film with the display order and the rotation direction of the frames changed in response to the determination result.